
CONSTRUCTION MANAGER'S WEEKLY STATUS REPORT

12/5/08-12/11/08

**REHABILITATION OF H STREET, NE
FROM 3rd AND H STREET TO 14th AND H STREET
CONTRACT NO. DCKA-2007-B-0095**



Capitol working on Watermain tie in.

CONSTRUCTION MANAGER'S WEEKLY STATUS REPORT

FOR THE WEEK 12/5/08-12/11/08

Rehabilitation of H Street from 3rd Street to 14th Street, Ward 6 – Washington, D.C.
Solicitation No: DCKA-2007-B-0095

EXECUTIVE SUMMARY

PROJECT DESIGN

Work under this contract consists of the Rehabilitation of H Street, N.E., from 3rd Street to 14th Street, Ward 6, Washington, District of Columbia. The Contractor shall perform the following categories of work strictly in accordance with the Contract Plans, including, but not limited to:

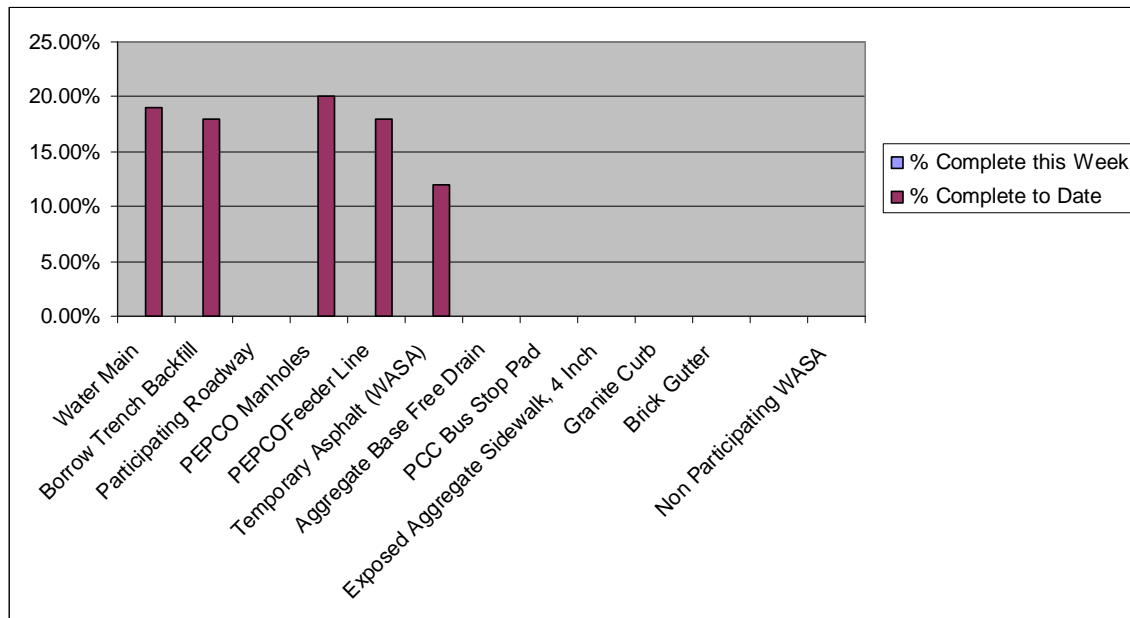
- Implementation and monitoring of pedestrian and vehicular traffic and its maintenance.
- Mobilization and demobilization, provision and maintenance of work and storage areas, Engineer's Field Facilities and performance of Employee Training.
- Implementation and maintenance of sediment and erosion control measures including tree preservation and protection.
- Removal and disposal of existing roadway up to the limits as shown on the contract plans, including but not limited to median, sidewalks, roadway pavement and base, driveways, curbs, gutters, copings, steps, and any hard surface not in repair areas.
- Removal and disposal of selected trees and stumps.
- Removal and proper disposal of traffic signal and street lighting poles, equipment, luminaries and controller cabinets and poles concrete foundation.
- Utilities trenching and installation of water mains, valves, fire hydrants and service lines; installation of new catch basins, manholes, sewer and under-drain electrical conduits and manholes for street light and traffic signals; trench backfill and surface restoration.
- Adjusting or resetting sewer-water-utilities manhole frames to new road/sidewalk grade elevation. Replace sewer water-manhole frame and covers with custom covers.
- Rebuilding existing Verizon manholes.
- Setting and resetting granite curb installation of under-drains, construction of brick gutters, wheelchair ramps, driveway entrances, and power sidewalks on granular and/or concrete base and exposed aggregate sidewalk on aggregate base.

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- **Reconstruction of the travel lanes and parking areas with composite pavements along H Street between the limits shown in the contract drawings. Milling and resurfacing of portion of H Street and side streets.**
- **Construction of reinforced concrete track slabs and installation of street car rails furnished by the District. Construction of streetcar platforms and bus stop pads.**
- **Installation of street light poles including concrete foundations with arm and luminaries; installation of traffic signal piles with arm and signal heads, controller cabinets and foundations.**
- **Tree planting; installation of street furniture, litter baskets, bike racks, and installation of multi space meters including foundations.**

The total value of the contract at award to Capitol Paving of DC., Inc. is \$30,328,964.50. The notice to proceed (NTP) date was September 22, 2008 with a project duration of 1020 days with a project completion day is July 10, 2011.

Progress



Percent complete for Alternate Streetcar Work, Participating Roadway, and WASA work are shown in the graph below. Participating Roadway is further broken down in the following key activities: Common Excavation, Under Drain, Asphalt Placement, 25 mm Free Drain Placement, Bus Stop Pads, Exposed Aggregate Sidewalk, and Granite curb and Gutter.

NOTE: H Street Reconstruction Project started 22nd of September, therefore there are no significant numbers to report.

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WORK PERFORMED

For the week ending December 11, 2008, the following specific construction progress has been made in the areas listed:

Thursday 12/4/08 through Friday 12/5/08:

- **Daily quantities reconciliation with Capitol.**
- **Capitol Paving work performed:**
 - Between 3rd and 4th Street on H Street:
 - Contractor tied in DIP to existing water main. This was performed at night, and throughout the early A.M.
 - Connection of 6" DIP water main to existing DIP water main @ North and South direction @ 3rd Street. Station numbers 9+00 & 10+50 +/- 2.
 - Connection of DIP was made @ North alley Station 12+10 to existing 4" water main.
 - Contractor backfilled and placed temporary asphalt over 8" DIP lateral @ 3rd and H Street, Northbound and Southbound. Backfill @ 6" DIP (lateral), H Street to alley.
 - Excavation of water main trench. Depth approximately 5 ½' and width = 3.17'.
 - WASA and MACTEC Representatives on site for verification of quantities. Contractor supplying MACTEC with as-built drawings for verification of quantities as the water main works progress.
 - MACTEC and WASA Representatives verified that the material used was suitable for backfill, and per design specifications.
 - MACTEC Representative verified that the compaction of soil and placement of temporary asphalt (4" depth) was in compliance and per specifications.
- **PEPCO work performed:**
 - All-Star excavating for conduit trench between 13th and 14th Street. Contractor (All Star) excavated trench line for 455' 8 way electrical conduit from Stations 52+00 to 53+00.
 - Flippo excavating and working on manholes between 10th and 11th Street. Contractor excavating trench line for 8 way electrical conduit from Station number 35+00 to 36+00.
 - Temporary steel plates were removed and larger plates installed at the intersection of 10th Street.
 - Contractor performed work between the hours of 0930 to 1530 under temporary MOT. Steel plates were placed over excavations w/o backfill and temporary asphalt.

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- Joy is enlarging man-hole P-7 @ 3rd Street intersection. Manhole to be 6x12.
- **Washington Gas work performed:**
 - Between 8th to 9th Street on H Street
 - DA Foster excavated trench line for installation of gas pipe.
 - DA Foster completing laterals.
 - Temporary steel plates were placed over trench line.
 - Contractor (DA Foster) performed work between the hours of 0930 to 1530 under temporary MOT. Steel plates were placed over excavations w/o backfill and temporary asphalt.

Saturday 12/6/08:

- Capitol placed 22 feet (+/-) of 12" DIP Water line with Valve and casing.
- Capitol completed four (4) house services. House services completed were as follows: 303, 309, 331, 333.
- Contractor backfilled and placed temporary asphalt over 12" DIP.
- Excavation of water main trench. Depth approximately 5' and width = 3.17'.
- WASA and MACTEC Representatives on site for verification of quantities. Contractor supplying MACTEC with as-built drawings for verification of quantities as the water main works progress.
- MACTEC and WASA Representatives verified that the material used was suitable for backfill, and per design specifications.
- MACTEC Representative verified that the compaction of soil and placement of temporary asphalt (4" depth) was in compliance and per specifications.

Sunday 12/7/08:

- No Work Performed

Monday 12/8/08:

- **Daily quantities reconciliation with Capitol.**
- **Capitol Paving work performed (See Figure1):**
 - Between 6th and 7th Street on H Street:
 - Saw cut roadway and excavation for 21" DIP water main. Installation of 12" water main from Stations 20+50 to 21+10 (+/- 2).
 - Excavation of water main trench. Excavation depth approximately 5' depth by 3.17' wide. Contractor shoring trench with hydraulic shoring device.
 - DC WASA and MACTEC Representatives on site for verification of quantities. Contractor supplying MACTEC with as-built drawings for verification of quantities as the water main works progress.

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- MACTEC and WASA Representatives verified that the material used was suitable for backfill, and per design specifications.
 - MACTEC Representative verified that the compaction of soil and placement of temporary asphalt (4" depth) was in compliance and per specifications.
 - Contractor performed work between the hours of 0930 to 1530 under temporary MOT. Steel plates were placed over excavations w/o backfill and temporary asphalt.
- **PEPCO work performed:**
- Contractor performed work between the hours of 0930 to 1530 under temporary MOT. Steel plates were placed over excavations w/o backfill and temporary asphalt.
 - Intersection of 3rd and H Street
 - Re-engineering man hole at intersection of 4th and H Street.
 - Manhole to be placed at sidewalk area. PEPCO to eliminate manhole at intersection and sweep into the proposed manhole at the sidewalk of 4th and H.
 - Between 10th and 11th Street on H Street
 - Contractor (Flippo) excavating trench line for 8 way electrical conduit from Stations 35+00 to 36+00. Flippo working on manholes at intersections.
 - Between 13th to 14th Street on H Street
 - Contractor (All Star) excavated trench line and installed duct bank for 455' 8 way electrical conduit from Stations 52+00 to 53+00.
- **Washington Gas work performed:**
- Between 8th to 9th Street on H Street
 - Contractor installing lateral gas lines.
 - Temporary steel plates were placed over trench line.
 - Contractor (DA Foster) performed work between the hours of 0930 to 1530 under temporary MOT. Steel plates were placed over excavations w/o backfill and temporary asphalt.
 - Line striping was performed along H Street.

Tuesday 12/9/08:

- **Daily quantities reconciliation with Capitol.**
- **Capitol Paving work performed**
- Between 6th and 7th
 - Excavation and installation of 12" DIP from stations 21+10 to 21+90.
 - Excavation of water main trench. Excavation depth approximately 5' depth by 3.17' wide. Contractor shoring trench with hydraulic shoring device.

CONSTRUCTION MANAGER'S WEEKLY STATUS REPORT

- DC WASA and MACTEC Representatives on site for verification of quantities. Contractor supplying MACTEC with as-built drawings for verification of quantities as the water main works progress.
 - MACTEC and WASA Representatives verified that the material used was suitable for backfill, and per design specifications.
 - MACTEC Representative verified that the compaction of soil and placement of temporary asphalt (4" depth) was in compliance and per specifications.
 - Contractor performed work between the hours of 0930 to 1530 under temporary MOT. Steel plates were placed over excavations w/o backfill and temporary asphalt.
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 - **PEPCO work performed:**
 - Intersection of 3rd and H Street
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 - Manhole to be placed at sidewalk area. PEPCO to eliminate manhole at intersection and sweep into the proposed manhole at the sidewalk of 4th and H.
 - Between 10th and 11th Street on H Street
 - Contractor (Flippo) excavating trench line for 8 way electrical conduit from Stations 35+00 to 36+00. Flippo working on manholes at intersections.
 - Between 13th to 14th Street on H Street
 - Contractor (All Star) excavated trench line and installed duct bank for 455' 8 way electrical conduit from Stations 52+00 to 53+00.
 - **Washington Gas work performed:**
 - Between 8th to 9th Street on H Street
 - Contractor installing lateral gas lines.
 - Temporary steel plates were placed over trench line.
 - Contractor (DA Foster) performed work between the hours of 0930 to 1530 under temporary MOT. Steel plates were placed over excavations w/o backfill and temporary asphalt.
- Line striping was performed along H Street.

Wednesday 12/10/08:

- **Daily quantities reconciliation with Capitol.**
- **Capitol Paving work performed**
 - 4th Street on H Street:

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- Saw cut roadway and excavation for 12" DIP water main (lateral) from H to 4th Street (North and South). There was no installation of DIP on this date.
- MACTEC Representative verified that the compaction of soil and placement of temporary asphalt (4" depth) was in compliance and per specifications.
- Contractor performed work between the hours of 0930 to 1530 under temporary MOT. Steel plates were placed over excavations w/o backfill and temporary asphalt.
- **PEPCO work performed:**
 - Intersection of 3rd and H Street
 - Re-engineering man hole at intersection of 4th and H Street.
 - Manhole to be placed at sidewalk area. PEPCO to eliminate manhole at intersection and sweep into the proposed manhole at the sidewalk of 4th and H.
 - Between 10th and 11th Street on H Street
 - Contractor (Flippo) excavating trench line for 8 way electrical conduit from Stations 35+00 to 36+00. Flippo working on manholes at intersections.
 - Between 13th to 14th Street on H Street
 - Contractor (All Star) excavated trench line and installed duct bank for 455' 8 way electrical conduit from Stations 52+00 to 53+00.
- **Washington Gas work performed:**
 - Between 8th to 9th Street on H Street
 - Contractor installing lateral gas lines.
 - Temporary steel plates were placed over trench line.
 - Contractor (DA Foster) performed work between the hours of 0930 to 1530 under temporary MOT. Steel plates were placed over excavations w/o backfill and temporary asphalt.

Line striping was performed along H Street.
- **Washington Gas work performed:**
 - Between 8th to 9th Street on H Street
 - Contractor excavated trench line for installation of gas pipe between Stations 30+40 to 32+00.
 - Temporary steel plates were placed over trench line.
 - Contractor (DA Foster) performed work between the hours of 0930 to 1530 under temporary MOT. Steel plates were placed over excavations w/o backfill and temporary asphalt.

Thursday 12/11/08:

- **Daily quantities reconciliation with Capitol.**
- **Capitol Paving work performed**

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- Excavation for 12" DIP & 6" DP @ South and North of 4th Street (lateral).
- Connection was made at the proposed 12" DIP to 8" DIP @ the South side of 4th Street to existing water main. A connection was made from 8" to 6" DIP South of 4th Street.
- Water service shut off was performed due to the above mentioned connections.
- **PEPCO work performed:**
 - Flippo worked on the installation of electrical conduit between 10th and 11th Street.

Key Issues and Resolutions:

- ✓ Reversible Lane Control System
 - N-E-S submitted controller to DDOT TSA Office. Waiting on response.
 - NES to megger test comm. Lines for overheads.
- ✓ Valve at intersection of 3rd and G Street seized up during 300 Block shut down.
 - WASA Emergency repair was called in to service issue.
 - Service completed on 12/10/08.
- ✓
- ✓ Capitol working under Temporary MOT for water main work.
 - Capitol has submitted all temporary MOT's for water main work.
 - Currently working under temporary restrictions from 0930 to 1530 hours.
- ✓ Line Striping
 - PEPCO and Washington Gas to re-stripe road where work was performed.
 - To be complete by 12/18/08.
- ✓ Water main installation.
 - Existing utilities in intersections requiring Capitol to either use more fittings (i.e. 45's), or dive under utilities.
 - Capitol has been notified by both WASA representatives and MACTEC that deviations on elevation of water main must go through WASA for subsequent approval.
- ✓ Quantities Reconciliation
 - Capitol, WASA, and MACTEC representatives met to review monthly quantities. Items reviewed are as follows:
 - Trench excavation width.
 - WASA will not pay Capitol for trench width with shoring. No shoring is required if trench depth does not exceed 5 feet. All agreed that there should be no deviation on the 5 foot depth unless WASA directs contractor otherwise.]
 - WASA and MACTEC to remove payment for trench excavation width, temporary asphalt, borrow trench backfill.
- ✓ Erosion Control Devices

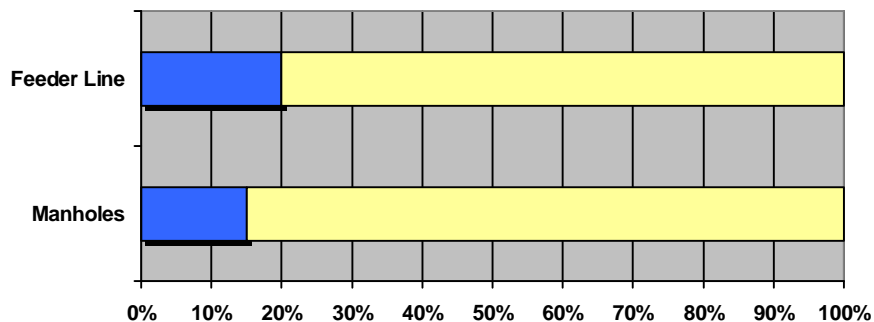
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- Capitol has installed all inlet protection per plan specifications.
- Washington Gas, Flippo, All-Star, and Joy to install erosion control at areas that they are working in.
- ✓ Temporary Steel Plate Installation
 - 1100 – 1200 Block, Flippo to address temporary plates. Contractor will be removing, backfilling, and temporary asphaltting this area by the end of the coming week.
- ✓ PEPCO manhole at intersection of 4th and H Street.
 - Proposed 6x12 manhole P-7 will be eliminated from the planned work due to existing utilities (i.e. Verizon, PEPCO). PEPCO will use the existing manhole P-9 (Rebuild) to run duct bank to. PEPCO Engineer has given approved plan to subcontractor for installation.

PEPCO

Distribution Line Duct Bank Construction:

Manholes Completed:	5	Total Manholes: 20
4 Way Length Complete:	35'	Total Length: 100'
6 Way Length Complete:	12'	Total Length: 40'
8 Way Length Complete:	1063'	Total Length: 5290'
12 Way Length Complete:	0	Total Length: 40'

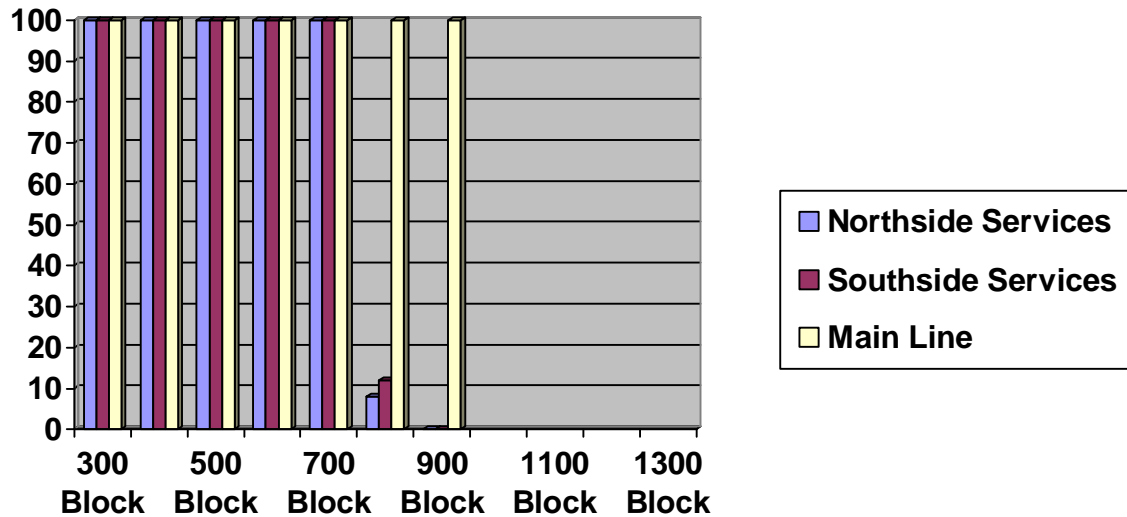


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Washington Gas:

Schedule for the Resident Service Connections and High Pressure gas line installation is on track.

**Graph: Percent of Work in Zone 1
Completed**



- DA Foster has completed the main line and services up to the 800 Block.
- Main line has been complete up through the 1000 Block.
- DA Foster is to begin running services on the North and South side, from the 800 to the 1000 Block. DA Foster will run the services from the building front connecting to the main line at the street.
- Washington Gas is scheduled to begin running the services from the building front to the inside of the building.

North Side 800 to 900 Block:

Completed Connections:	% Complete:	0%
Gas Main install complete:	% Complete:	100%

Southside:

Completed Connections:	% Complete:	0%
Gas Main install complete:	% Complete:	100%

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Clear Channel:

Total Number of Bus Shelters: 7
Total Number of Bus Shelters Complete: 0

Schedule TBD.

Attachment A:

RECONSTRUCTION OF H STREET N.E. TWO WEEK LOOK AHEAD SCHEDULE STARTING 12/15/08 TO 12/26/08

- **12-15-08**
 - RLCS
 - Capitol to implement temporary MOT at 0930 for water main works.
 - Capitol to remove temporary MOT before 1530 hours daily.
 - Install Water main Pipes, Thrust Blocks, Gate Valves& Fittings (6th to 7th St)
 - Install laterals along 6th.
 -
 - PEPCO working at 14th and H Street Intersection, between 13th and 14th Street, 13th and H Street and intersection of 7th and H Street. Contractors are Joy, Flippo and All Star.
 - Washington Gas working at 8th and H Street towards 9th Street. Washington Gas and DA Foster to begin installing services.
 - Capitol to implement temporary MOT at 0930 for water main works.
 - Capitol to remove temporary MOT before 1530 hours daily.
- **12-16-08**
 - RLCS
 - Capitol to implement temporary MOT at 0930 for water main works.
 - Capitol to remove temporary MOT before 1530 hours daily.
 - Install Water main Pipes, Thrust Blocks, Gate Valves& Fittings (6th to 7th St)
 - Pressure Test & Chlorination Watermain from 4th St to 6th St NE
 - Install water main pipe from 6th to 7th Street

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- **12-17-08**
 - RLCS
 - Capitol to implement temporary MOT at 0930 for water main works.
 - Capitol to remove temporary MOT before 1530 hours daily.
 - Install Water main Pipes, Thrust Blocks, Gate Valves& Fittings (6th to 7th St)
 - Pressure Test & Chlorination Watermain from 4th St to 6th St NE
 - Water main services along 400 Block
- **12-18-08**
 - RLCS
 - Capitol to implement temporary MOT at 0930 for water main works.
 - Capitol to remove temporary MOT before 1530 hours daily.
 - Install Water main Pipes, Thrust Blocks, Gate Valves& Fittings (6th and 7th St)
 - Install water main pipe from 3rd to 5th Street
 - Pressure Test & Chlorination Watermain from 4th St to 6th St NE
 - PEPCO working at 14th and H Street Intersection, between 13th and 14th Street, 13th and H Street and intersection of 7th and H Street. Contractors are Joy, Flippo and All Star.
 - Washington Gas working at 8th and H Street towards 9th Street.
- **12-19-08**
 - RLCS
 - Capitol to implement temporary MOT at 0930 for water main works.
 - Capitol to remove temporary MOT before 1530 hours daily.
 - Install Water main Pipes, Thrust Blocks, Gate Valves& Fittings (6th to 7th St)
 - Install water main pipe from 3rd to 5th Street
 - Pressure Test & Chlorination Watermain from 4th St to 6th St NE
 - PEPCO working at 14th and H Street Intersection, between 13th and 14th Street, 13th and H Street and intersection of 7th and H Street. Contractors are Joy, Flippo and All Star.
 - Washington Gas working at 8th and H Street towards 9th Street.

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- **12-20-08**
 - Capitol to install fire hydrant @ 3rd Street, North Side.
 - Remove Median @ Sta 7+99 to 9+60 (H & 3rd St NE)
 - Temporary Asphalt at removed median (to be complete in 1 day.)
 - Install Water main Pipes, Thrust Blocks, Gate Valves& Fittings (6th to 7th St)
 - Shutdown Watermain @ 4th St & Tie- in from 4th St to 6th St
- **12-21-08**
 - No Work Performed
- **12-22-08**
 - Capitol to implement temporary MOT at 0930 for water main works.
 - Capitol to remove temporary MOT before 1530 hours daily.
 - Install Water main Pipes, Thrust Blocks, Gate Valves& Fittings (6th to 7th St)
 - Install water main pipe from 3rd to 5th Street
 - Water Service Connection b/w 4th to 6th St (North & South Side)
 - PEPCO working at 14th and H Street Intersection, between 13th and 14th Street, 13th and H Street and intersection of 7th and H Street. Contractors are Joy, Flippo and All Star.
 - Washington Gas working at 8th and H Street towards 9th Street.
- **12-23-08**
 - Capitol to implement temporary MOT at 0930 for water main works.
 - Capitol to remove temporary MOT before 1530 hours daily.
 - Install Water main Pipes, Thrust Blocks, Gate Valves& Fittings (3rd St to 5th St)
 - Install water main pipe from 3rd to 5th Street
 - Water Service Connection b/w 4th to 6th St (North & South Side)
 - PEPCO working at 14th and H Street Intersection, between 13th and 14th Street, 13th and H Street and intersection of 7th and H Street. Contractors are Joy, Flippo and All Star.
 - Washington Gas working at 8th and H Street towards 9th Street.
- **12-24-08**
 - Capitol to implement temporary MOT at 0930 for water main works.
 - Capitol to remove temporary MOT before 1530 hours daily.

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- **Install water main pipe from 3rd to 7th Street**
- **Water Service Connection b/w 4th to 6th St (North & South Side)**
- **PEPCO working at 14th and H Street Intersection, between 13th and 14th Street, 13th and H Street and intersection of 7th and H Street. Contractors are Joy, Flippo and All Star.**
- **Washington Gas working at 8th and H Street towards 9th Street.**
- **12-25-08**
 - **No work performed**

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PHOTO LIBRARY



PEPCO working on Proposed Manhole



8" DIP installation

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Capitol installing lateral water main



PEPCO Manhole on 3rd and H Street, South Side